



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

T: 1 - Jansen
Gregg R. and
F: Gary King
for action. per forthcoming
EUG

DATE: September 11, 1989

TO: Land Enforcement Decision Group - Attention: Gary King

FROM: David C. Jansen and Steven C. Townsend, DLPC/FOS - Springfield Region

SUBJECT: LPC #1150150053 - Macon County
Decatur/Midland Machine
Compliance

RECEIVED

ENFORCEMENT PROGRAMS

SEP 13 1989

Environmental Protection Agency

RECEIVED

SEP 12 1989

EPA-DLPC

LP 52#

593

ENFORCEMENT REFERRAL MEMORANDUM

The above referenced facility was inspected under an administrative warrant on August 3, 1989 after being refused access on July 25, 1989. The facility was also the subject of two drive by inspections on December 14, 1989 and January 10, 1989. During all of these times drums of unknown content were being stored adjacent to Brush College Road. The on site inspection revealed over 300 drums full or partially full of undetermined wastes. The drums were stored in several groups throughout the site. In some areas drums were stacked 2 high. The inspection revealed evidence of spillage of some of the wastes.

The site also contains the residence of [REDACTED], owner and operator of Midland Machine. [REDACTED] house is adjacent to one barrel storage area and across the on site road from another. [REDACTED] water is obtained from an on site well believed to be near one of the barrel storage areas.

Several barrel waste storage areas are located on the facility property. According to [REDACTED] some of the waste in barrels is left over from the fuel processing operation which stopped in 1984 after the Agency informed the facility that a permit was required for waste treatment. [REDACTED] said he believed most of the drums contained waste crankcase oil which he uses for heating the shop during the winter. [REDACTED] said some of the drums contained waste ink and waste solvents. He was not sure where these drums were located. There is no written record of what was in the drums or when they were received. [REDACTED] said that waste ink from the Decatur Herald & Review and some waste solvent from the Grigoliet Company were still on site. He said these wastes were received between some time in 1982 and March 1984. [REDACTED] said he did not know which wastes were stored in which locations. He said the fuel processing was a hobby of his father. He said he stopped running the cracking tower when his father died in 1984 shortly after the facility was contacted by the Agency. One drum sampled in area B contained a red paint like material. [REDACTED] said this was waste ink from the Decatur Herald & Review. The Herald & Review had contacted FOS on September 5, 1989 about removing their wastes from the facility. No decision of final disposition for these wastes had been made at the time of the inspection. Many drums were leaking. Waste had been spilled into the soil in several areas. No 722.111 determination had been made for the contents of the drums.

EPA Region 5 Records Ctr.



235267

923308

CONFIDENTIAL

COPY

September 11, 1989

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LPC #1150150053 - Macon County
Decatur/Midland Machine
Compliance

During the sampling conducted during the August 3, 1989 inspection respirator breakthrough was experienced by the samplers on two occasions. A solvent odor was detected by the samplers experiencing the breakthrough. Many of the wastes inventoried did not appear to be waste motor oil as [REDACTED] had alleged.

[REDACTED] said he was willing to clean the place up. He stated during the inspection that if we would give him the name of someone who could haul the wastes off he would load them on the truck. [REDACTED] was informed that the first step would be to determine if the wastes were hazardous.

Based on observations during the sampling and the interview with [REDACTED] we believe the analysis will show hazardous substances are present. John Hurley indicated via telephone on September 7, 1989 that samples X022, X286, and X309 had flashpoints of $< 70^{\circ} \text{F}$, $< 70^{\circ} \text{F}$, and 133°F , respectively. This indicates that at least some of the wastes are hazardous.

It is not likely that [REDACTED] will have the funds to properly analyze and dispose of these wastes. He runs a one man machine shop on the property which is located near several of the barrel storage areas. [REDACTED] is living and working daily among these wastes. Due to the proximity of these wastes to his small home and shop it is reasonable to assume that a proper cleanup will have an effect on his home and business. Sealing the site may not be practical for this reason. Enforcing RCRA regulations at this facility is unlikely to lead to a cleanup anytime soon. Given these conditions we recommend that we forego any RCRA enforcement and proceed directly to a RPMS directed cleanup as soon as possible.

If you have any questions, please contact us.

DCJ/SCT/is/0082L

cc: DLPC/Division File
DLPC/FOS, Springfield Region
DLPC/FOS, G. Savage
DLPC/RPMS, J. Janssen

CONFIDENTIAL

INDIVIDUAL DRUM LOG SHEET

Job # 3514-4606

Date 1-26-93

Page 1 of 1

Client IEPA

Drum # 11

Sample # _____

Drum Size:

☐ 85 Gallon

☒ 55 Gallon

☐ 42 Gallon

☐ 30 Gallon

☐ 15 Gallon

☐ 5 Gallon

☐ Other _____

Type of Drum:

☐ Fiber

☐ Poly

☒ Steel

☐ Open Top

☐ Tight Head

☐ Other _____

Description of Sample:

HNU Reading 260 PPM

pH _____

LAYER 1 (TOP)

Color LITE BROWN

Amount (In) 13"

☒ Liquid

☐ Solid

☐ Sludge

LAYER 2 (MIDDLE)

Color CLEAR

Amount (In) 3"

☐ Liquid

☐ Solid

☐ Sludge

LAYER 3 (BOTTOM)

Color DARK BROWN

Amount (In) _____

☐ Liquid

☐ Solid

☒ Sludge

Amount in Drum:

☐ Empty (< 1" residuals)

☐ 1/4

☐ 1/2

☐ 3/4

☒ Full

Description of Drum (Drum Label, Markings and Conditions):

Overpack Needed?

☒ Yes

☐ No

Head in Top

Compatibility Group: _____

Composite Number: _____

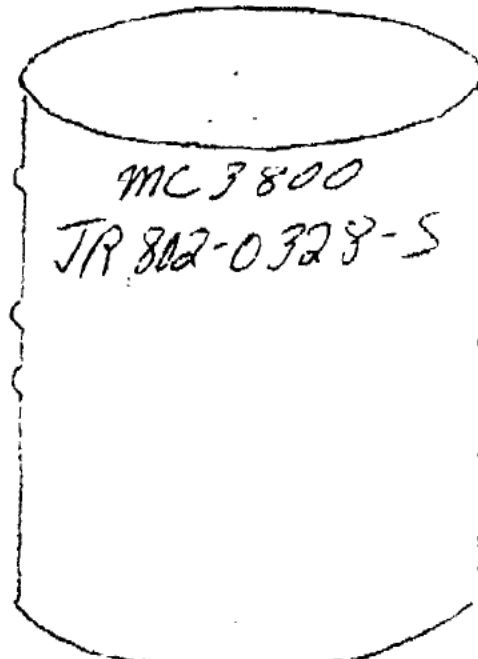
Time _____

Sampled by _____

Witness _____

Rev. 1/1/92

AAO-111-111



INDIVIDUAL DRUM LOG SHEET

Job # 3514-4606

Date 1-26-93

Page 1 of 1

Client EPA

A.

Drum # 8

Sample # _____

Drum Size:

☐ 85 Gallon

☒ 55 Gallon

☐ 42 Gallon

☐ 30 Gallon

☐ 15 Gallon

☐ 5 Gallon

☐ Other _____

Type of Drum:

☐ Fiber

☐ Poly

☒ Steel

☐ Open
Top

☐ Tight
Head

☐ Other _____

Description of Sample:

HNU Reading

100 PPM

pH _____

LAYER 1 (TOP)

Color

Light Brown

Amount (in) _____

☒ Liquid

☐ Solid

☐ Sludge

LAYER 2 (MIDDLE)

Color _____

Amount (in) _____

☐ Liquid

☐ Solid

☐ Sludge

LAYER 3 (BOTTOM)

Color

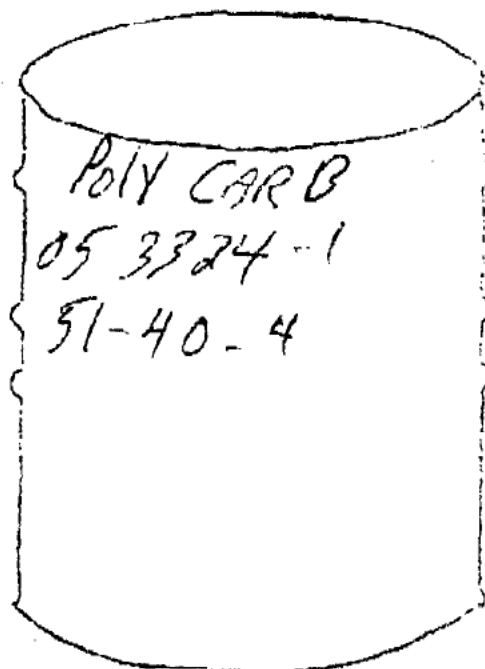
Milky White

Amount (in) 5"

☐ Liquid

☐ Solid

☒ Sludge



Amount in Drum:

☐ Empty (< 1" residuals)

☐ 1/4

☐ 1/2

☐ 3/4

☒ Full

Description of Drum (Drum Label, Markings and Conditions):

Overpack Needed?

☒ Yes

☐ No

Hole in Top

Compatibility Group: _____

Composite Number: _____

Time _____

Sampled by _____

Witness _____

Rev. 11/13/91

AAE-104-CH-1001

INDIVIDUAL DRUM LOG SHEET

Job # 3514-4606Date 1-25-93Page 1 of 1Client IEPADrum # 1

Sample # _____

Drum Size:

☐ 85 Gallon☒ 55 Gallon☐ 42 Gallon☐ 30 Gallon☐ 15 Gallon☐ 5 Gallon☐ Other _____

Type of Drum:

☐ Fiber☐ Poly☒ Steel☐ Open Top☐ Tight Head☐ Other _____

Description of Sample:

HNU Reading 2 PPM

pH _____

LAYER 1 (TOP)

Color _____

Amount (in) _____

☐ Liquid☐ Solid☐ Sludge

LAYER 2 (MIDDLE)

Color _____

Amount (in) _____

☐ Liquid☐ Solid☐ Sludge

LAYER 3 (BOTTOM)

Color ORANGE / yellowAmount (in) 6"☐ Liquid☐ Solid☒ SludgeAmount in Drum: ☐ Empty (< 1" residuals) 6"☐ 1/4☐ 1/2☐ 3/4☐ Full

Description of Drum (Drum Label, Markings and Conditions):

Overpack Needed?

☒ Yes☐ NoTop of Drum is Rusted out

Compatibility Group: _____

Composite Number: _____

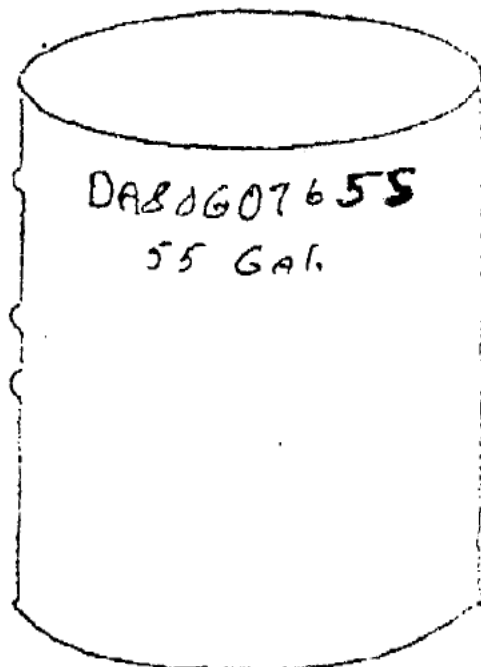
Time _____

Sampled by _____

Witness _____

Rev. 11/13/87

AAG-10-CHN-215



INDIVIDUAL DRUM LOG SHEET

Job # 3514-4606 Date 1-26-93 Page 1 of 1
 Client IEPA

Drum # R67 Sample # _____

Drum Size: ☐ 55 Gallon ☒ 55 Gallon ☐ 42 Gallon ☐ 30 Gallon
☐ 15 Gallon ☐ 5 Gallon ☐ Other _____

Type of Drum: ☐ Fiber ☐ Poly ☒ Steel ☐ Open Top ☐ Tight Head ☐ Other _____

Description of Sample:

HNU Reading 300 PPM
 pH _____

LAYER 1 (TOP)

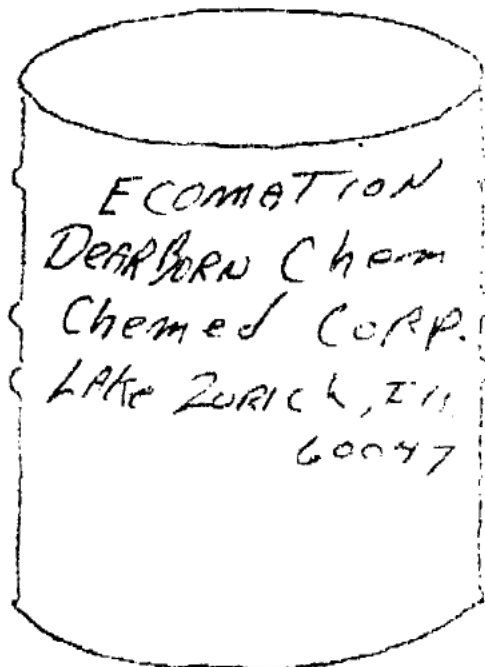
Color Brown Amount (in) 15"
☒ Liquid ☐ Solid ☐ Sludge

LAYER 2 (MIDDLE)

Color Clear Amount (in) _____
☒ Liquid ☐ Solid ☐ Sludge

LAYER 3 (BOTTOM)

Color Black Amount (in) _____
☐ Liquid ☐ Solid ☒ Sludge



Amount in Drum: ☐ Empty (< 1" residuals) ☐ 1/4 ☐ 1/2 ☐ 3/4 ☒ Full

Description of Drum (Drum Label, Markings and Conditions): Overpack Needed? ☒ Yes ☐ No

Note in Top

Compatibility Group: _____ Composite Number _____

Time _____ Sampled by _____ Witness _____